

1           2. (original): The development tunnel of Claim 1, wherein the housing is  
2 insulated.

1           3. (original): The development tunnel of Claim 1, further comprising a  
2 heating system operable to heat the coated film.

1           4. (original): The development tunnel of Claim 3, wherein the heating  
2 system contacts the coated film.

1           5. (original): The development tunnel of Claim 1, wherein the housing  
2 substantially surrounds the coated film during the development process.

1           6. (original): The development tunnel of Claim 1, wherein a cross-section of  
2 the development chamber is optimized for minimum volume.

1           7. (original): The development tunnel of Claim 1, wherein the development  
2 chamber includes an entry and an exit, wherein the entry and exit operable to reduce  
3 air flow circulation through the development chamber.

1           8. (original): The development tunnel of Claim 1, wherein the development  
2 chamber is oriented horizontally to reduce convective air flow through the  
3 development chamber.

1           9. (original): The development tunnel of Claim 1, further comprising a  
2 control system operable to monitor and control the temperature within the  
3 development chamber.

1           10. (original): The development tunnel of Claim 1, wherein the temperature  
2 within the development chamber is maintained substantially within the range of 40-80  
3 degrees centigrade.

1           11. (original): The development tunnel of Claim 10, wherein the temperature  
2           within the development chamber is maintained substantially within the range of 45-55  
3           degrees centigrade.

1           12. (original): The development tunnel of Claim 1, wherein the relative  
2           humidity within the development chamber is maintained substantially within the  
3           range of 80-100 percent relative humidity.

1           13. (original): The development tunnel of Claim 1, wherein humidity is  
2           supplied by evaporation of the developer solution on a film leader coupled to the  
3           coated film.

1           14. (original): The development tunnel of Claim 1 further comprising a  
2           humidification system operable to increase humidity within the development  
3           chamber.

1           15. (original): The development tunnel of Claim 1, further comprising a  
2           humidification system operable to decrease humidity within the development  
3           chamber.

1           16. (original): The development tunnel of Claim 1, further comprising a  
2           heating system operable to maintain the temperature of the coated film.

1           17. (original): The development tunnel of Claim 1, wherein the temperature of  
2           the film is consistently maintained within 5 degrees Centigrade of a temperature  
3           profile.

1           18. (original): The development tunnel of Claim 17, wherein the temperature  
2           of the film is consistently maintained within 1 degree Centigrade of a temperature  
3           profile.

1           19. (original): A photographic film processing system comprising:  
2           an applicator station operable to coat a developer solution onto a photographic  
3           film;  
4           a development station operable to receive the coated photographic film,  
5           wherein the development station operates to heat coated photographic film in an air  
6           environment; and  
7           a transport system operable to transport the film.

1           20. (original): The photographic film processing system of Claim 19, wherein  
2           the applicator station includes a replaceable developer cartridge having a reservoir of  
3           developer solution disposed within the cartridge.

1           21. (original): The photographic film processing system of Claim 19, wherein  
2           the applicator station includes a slot coater device operable to apply a relatively  
3           smooth layer of developer solution onto the photographic film.

1           22. (original): The photographic film processing system of Claim 19, further  
2           comprising a scanning station operable to scan the photographic film and produce  
3           digital images.

1           23. (original): The photographic film processing system of Claim 22, wherein  
2           the scanning station scans the photographic film coated with developer solution.

1           24. (original): The photographic film processing system of Claim 22, further  
2           comprising a print station operable to print one or more digital images.

1           25. (original): The photographic film processing system of Claim 22, further  
2           comprising a user interface operable to display the digital images.

1           26. (original): The photographic film processing system of Claim 22, wherein  
2           the digital images can be electronically communicated to a computer network.

1           27. (original): The photographic film processing system of Claim 19, wherein  
2 the development station includes a heating system operable to contact the coated  
3 photographic film.

1           28. (original): The photographic film processing system of Claim 19, wherein  
2 the development station includes a development tunnel having a housing that forms a  
3 development chamber through which the coated film is transported, the development  
4 chamber operable to maintain a relatively constant temperature and humidity of the  
5 coated film during development of the film.

1           29. (original): The photographic film processing system of Claim 28, wherein  
2 the housing is insulated.

1           30. (original): The photographic film processing system of Claim 28, wherein  
2 the development tunnel further comprises a heating system operable to heat the coated  
3 photographic film.

1           31. (original): The photographic film processing system of Claim 30, wherein  
2 the heating system contacts the coated photographic film.

1           32. (original): The photographic film processing system of Claim 30, wherein  
2 the temperature within the development chamber is maintained substantially within  
3 the range of 40-80 degrees Centigrade.

1           33. (original): The photographic film processing system of Claim 30, wherein  
2 the temperature within the development chamber is maintained substantially within  
3 the range of 45-60 degrees Centigrade.

1           34. (original): The photographic film processing system of Claim 28, wherein  
2 the transport system comprises a leader transport system and the developer solution is  
3 coated onto a film leader to produce humidity within the development chamber.

1           35. (original): The photographic film processing system of Claim 28, wherein  
2 the relative humidity within the development chamber is maintained substantially  
3 within the range of 80-100 percent relative humidity.

1           36. (original): The photographic film processing system of Claim 19, wherein  
2 the development station operates to heat the photographic film to a temperature  
3 substantially within the range of 40-80 degrees Centigrade.

1           37. (original): The photographic film processing system of Claim 19, wherein  
2 the development station includes a halt station operable to substantially stop the  
3 continued development of the photographic film.

1           38. (original): The photographic film processing system of Claim 19, wherein  
2 the development station includes a film dryer operable to dry the developer solution  
3 onto the photographic film.

1           39. (original): The photographic film processing system of Claim 19, wherein  
2 the photographic film processing system is embodied as a self-service kiosk.

1           40. (original): The photographic film processing system of Claim 19, wherein  
2 the development station further comprises a heating system operable to maintain the  
3 temperature of the coated film.

1           41. (original): The photographic film processing system of Claim 19, wherein  
2 the development station consistently maintains the temperature of the film within 5  
3 degrees Centigrade of a temperature profile.

1           42. (original): The photographic film processing system of Claim 41, wherein  
2 the development station consistently maintains the temperature of the film within 1  
3 degree Centigrade of a temperature profile.

1           43. (currently amended)     A method of processing a photographic film  
2 comprising:

3           coating a development solution onto the photographic film; and  
4           transporting the coated photographic film through ~~an air environment a~~  
5 development station, wherein the development station operates to develop ~~heat~~ the  
6 coated photographic film in an air environment where the temperature and humidity  
7 are substantially controlled ~~during development of the coated photographic film.~~

1           44. (original): The method of Claim 43, wherein development station heats  
2 the coated photographic film to a temperature substantially within a range of 40-80  
3 degrees Centigrade.

1           45. (original): The method of Claim 44, wherein the development station  
2 heats the coated photographic film to a temperature substantially within a range of 45-  
3 60 degrees Centigrade.

1           46. (cancelled): The method of Claim 43, wherein the development station  
2 also operates to substantially control the humidity during development of the coated  
3 photographic film.

1           47. (original): The method of Claim 46, wherein the humidity is substantially  
2 maintained within the range of 80-100 percent humidity.

1           48. (original): The method of Claim 43, wherein the development station  
2 includes a development tunnel having a housing that forms a development chamber  
3 through which the coated photographic film is transported.

1           49. (original): The method of Claim 48, wherein the development tunnel  
2 includes a heating system operable to heat the coated photographic film.

1           50. (original): The method of Claim 48, wherein the development tunnel is  
2 insulated.

1           51. (original): The method of Claim 43, further comprising scanning the  
2 developed film to produce digital images.

1           52. (original): The method of Claim 51, wherein scanning the developed film  
2 comprises scanning the developed film through the coating of developer solution.

1           53. (original): The method of Claim 51, further comprising displaying the  
2 digital images to a user.

1           54. (original): The method of Claim 51, further comprising printing one or  
2 more digital images.

1           55. (original): The method of Claim 43, wherein the developer solution is  
2 coated onto the photographic solution using a slot coater device.

1           56. (original): The method of Claim 43, wherein the developer solution is  
2 coated onto the photographic solution using a replaceable developer cartridge.

1           57. (original): The method of Claim 43, wherein the processing of the  
2 photographic film takes place in self-service kiosk.